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**UTILITY PATENT APPLICATION
TRANSMITTAL UNDER 37 C.F.R. '1.53(b)**

U.S. Patent Application
Commissioner of Patents

Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is the patent application of
Govind RAO:

FOR: BIOREACTOR AND BIOPROCESSING TECHNIQUE

Enclosed are:

1. 32 pages of specification, claims, abstract
2. 14 sheets of FORMAL drawings.
3. 2 pages of Declaration & Power of Attorney (copy from a prior application).
 - Incorporation By Reference The entire disclosure of the prior application is considered as being partof the disclosure of the accompanying application and is hereby incorporated by reference therein.
 - This is a Continuation or Divisional of prior application No.09/928,662, filed on August 14. 2001, entitled **BIOREACTOR AND BIOPROCESSING TECHNIQUE**
4. An Information Disclosure Statement and PTO 1449 Form are submitted herewith.
5. Cancel claims
6. The filing fee is calculated on the basis of the claims existing in the prior application as amended at 5 above:

CLAIMS AS FILED					
For	No. Filed		No. Extra	Rate	Fee
Total Claims	15	- 20	0	X \$18.00	
Indep. Claims	1	- 3	0	X \$84.00	
Multiple Dependent Claims (If applicable) add \$145.00					\$145.00
BASIC FEE					\$385.00
TOTAL FILING FEE					530.00

7. Preliminary Amendment is enclosed.
8. Applicant claims Small Entity status.
- 9a. A check in the amount of \$530.00 (Check # 10833) is attached.
- 9b. Please charge my Deposit Account No.16-0607 in the amount of \$_____ A duplicate copy of this sheet is enclosed.
- 9c. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 160607. A duplicate copy is enclosed.
 - Any additional filing fees required under 37 C.F.R. 1.16.
- 10a. The Commissioner is hereby authorized to charge fees under 37 C.F.R. 1.16 and 1.17 which may be required, including any extension of time fees to maintain the pendency of the parent application No. or credit any overpayment to Deposit Account No. 16-0607.

Case Docket No.: UMBC-0004A

16834 U.S. PTO
10/7/33412



- 10b. Authorization under 37 C.F.R. §1.136(a)(3).
- 11a. Amend the specification by inserting before the first line the sentence:
--This application is a Continuation of Application No. filed --
- 11b. Amend the specification by inserting before the first line the sentence:
--This application is a Divisional of Application No. 09/928,662 filed August 14, 2001--

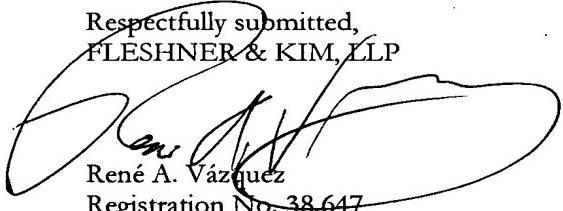
12. Priority of Provisional Application Serial No. 60/225,108 filed on August 14, 2000 is claimed under 35 U.S.C. 119.
13. The prior application is assigned of record to UNIVERSITY OF MARYLAND BALTIMORE COUNTY at Reel 012288, Frame 0857
14. The power of attorney in the prior application is to:

FLESHNER & KIM, LLP

15. Two (2) return postcards.
 Stamp & Return with Courier.
 Prepaid Postcard-Stamped Filing Date & Returned with Unofficial Serial Number.

16. Also enclosed:

17. A petition, fee and response has been filed to extend the term in the pending prior application until _____.

Respectfully submitted,
FLESHNER & KIM, LLP

René A. Vázquez
Registration No. 38,647

Correspondence Address Below:

P.O. Box 221200
Chantilly, VA 20153-1200
(703) 766-3701

RAV:kvn

Date: December 12, 2003

Docket No.: UMBC-0004A

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Govind RAO

Divisional Application of
Serial No.: 09/928,662

Filed: December 12, 2003

For: BIOREACTOR AND BIOPROCESSING TECHNIQUE

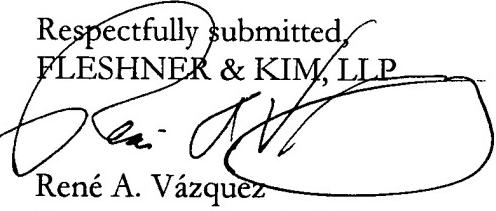
**AUTHORIZATION TO TREAT A REPLY AS INCORPORATING
AN EXTENSION OF TIME UNDER 37 C.F.R. §1.136(a)(3)**

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Non-Fee Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time under 37 C.F.R. 1.136(a)(3). The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 16-0607, if such fees are not otherwise provided for in such reply. A duplicate copy of this sheet is enclosed.

Respectfully submitted,
FLESHNER & KIM, LLP


René A. Vázquez
Registration No. 38,647

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Date: December 12, 2003